



SYLLABUS

OF

A Course of Lectures

ON

OPHTHALMIC MEDICINE AND SURGERY,

BY

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Surgeon to the New-York Ophthalmic Hospital.

"To live to purpose, is to be useful."

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Complimentary Resolutions.

TO DR. M. STEPHENSON, DEAR SIR—

At a meeting of the Professional Gentlemen and Medical Students, after the close of your valuable and highly instructive course of Lectures on the Anatomy, Physiology, and Pathology of the Human Eye; together with the treatment of its various diseases; the following Resolutions were unanimously passed, and the undersigned were appointed a Committee to present you with the same. Allow us to assure you that we, as individuals, most cheerfully unite in the discharge of a duty so pleasing.

Resolved, That we have listened with unfeigned pleasure, interest and instruction, to the Lectures of Dr. Stephenson, and sincerely hope that they may be resumed next Winter.

Resolved, That we deem it a duty which, as lovers of Science, we owe to ourselves, as well as a debt of gratitude justly merited by Dr. Stephenson, that we should express to him the high satisfaction and profit derived from the very able, clear, and scientific manner in which the various subjects involved were exhibited and demonstrated; and that we hereby tender Dr. S. our most heartfelt thanks, and beg to assure him of our appreciation of his disinterested labors to promote this important branch of Medical Science.

Signed in behalf of the Meeting,

ROBERT JESSOP,
WILLIAM BARKER, { *Committee.*

New-York, Feb. 27, 1852.

SYLLABUS OF LECTURES.

FIRST DIVISION

OR

Diseases of the Apendages to the Eye.

I. Ophthalmia Tarsi.

Definition.

Synonymes.—*Tinia Ciliaris*—*Lippitudo*—*Psorophthalmia*,
Blepharoblenorrhœa Senilis—*Lamitte* or *miasmatia*
Ophthalmia—*Ophthalmia Psorica*—*Blepharitis Scro-*
fulosa.

Varieties. { *Catarrhal*.
 { *Strumous*.

1st CATARRHAL.

Causes. { *Predisposing*.
 { *Exciting*.

Symptoms. { *Objective*.
 { *Subjective*.

Prognosis.

Treatment. { *Constitutional*.
 { *Local*.

2d STRUMOUS.

Varieties. { *Tinia*.
 { *Lippitudo*.

(Mod. 7 Fig. 5.)

1st Variety. *Tinia Ciliar's.*

- Causes. { Predisposing.—A disease of childhood.
 { Exciting.
- Symptoms. Objective.

(Vide Delrymple. Plate 1st. Fig. 3. Plate 2d. Fig. 1st.)

Pathology.

Sequale. { Contraction of Tarsal Cartilages.

{ Madriosis, &c.

Treatment. { Constitutional—Diet, Clothing, &c.
 { Local.

2d VARIETY.—LIPPITUDO.

- Causes. { Predisposing—Exanthematous diseases, neglected Ophthal'a.
 { Exciting—Bad diet, foul air, debauchery, Cold, &c.

Stages. { Acute.
 { Subacute.

Symptoms. { Objective.
 { (Vide Plate 1. Fig. 1. Plate 2. Fig. 2. Et Mod. 7. Fig. 5.)
 { Subjective.

Treatment. { Medical.
 { Surgical.

II. Trichiasis.

Causes—Sequæle of Ophthalmia Tarsi.

Pathology—Seat of disease in the bulbs of the cilia.

Diagnosis—Methods of detecting them.

Prognosis—Unfavorable to the cornea if neglected.

Treatment. { Palliative.
 { Radical.

III. Districhiasis.

- Varieties. { Partial.
Total.
- Causes. { Cicatrices of the tarsi after Variolus, Ophthalmia,
Psorophthalmia, &c.
- Diagnosis—Distinction between Trichiasis and Districhiasis.
- Treatment. { Surgical—Cauterization, Evulsion, Excision.
Mode of operating, &c.

IV. Hordeolum.

- Definition.
- Pathology.
- Stages. { Inflammatory.
(Vide Mod. 5. Fig. 1.)
Suppurative.
- Treatment. { Constitutional.
Local.
Radical.

V. Tumor Tarsi.

- Pathology.
- Objective appearances.
(Vide Plate 4. Fig. 2. Mod 6 Fig. 3.)
- Treatment—Surgical—best method for their removal.

VI. Tumors of Conjunctiva Oculi.

- Objective appearances.
(Vide Plate 4. Fig. 4. Mod. 5. Fig. 6.)
- Treatment—Surgical—mode of operation.

VII. Excrescences, &c.

- Varieties. { Warts, Horns upon Tarsi, &c.
(Vide Plate 5. Fig. 1.)
Nevi Materni.
Phthiriasis, or Pediculus Ciliorum.
(Vide Plate 6. Fig. 6.)

Treatment. { Surgical.
Medical.

VIII. Xerosis Conjunctivæ.

Definition.

Causes.

Symptoms. { Objective.
Subjective.

Prognosis.

Treatment—Palliative.

IX. Syphilitic Ulcers of Tarsi.

Symptoms—Objective.

(Vide Plate 5. Fig. 3. Mod. 7. Fig. 4.)

Diagnosis.

Treatment.

X. Symblepharon.

Symptoms—Objective.

(Vide Plate 3. Fig's. 3 and 4.)

Varieties. { Partial.
Complete.

Causes.

Treatment—Surgical operation.

XI. Anchyloblepharon.

Varieties. { Direct or Indirect.
Simple or Complicated.
Congenital or Acquired.

Causes—Meehanical or Chemical.

Treatment—Surgical operation—after treatment.

XII. Ectropeon.

(Vide Mod. 7. Fig. 6.)

Varieties.	{	1	With tumefaction of Palpebral Conj'a.
		2	" Elongation of Tarsal Cartilage.
		3	" Cicatrices of the skin.
		4	" Adhesions to the margin of the orbit.
Treatment.	{	1st Variety—Paliative, Surgical.	
		2d	" Operations of Dorsey, Adams, and Deffenbough.
		3d	" Methods of Chelius, Jones, Walther, and Horner.
		4th	" Method of Professor Ammon.

XIII. Entropeon.

Varieties.	{	1st. Entropeon Seniles with relaxation of Integ's. and spasum of Orbic's. Palpm.	
		2d. With Transvers. Contrac'n. of Tarsal Cartilages, indurations, irregularities, &c.	
Treatment.	{	1st. Mechanical, Surgical, Excision, Cicitri- zation, Section of Orbic-Palp.	
		2d. Methods of Ware, Tyrell, Crampton, and Jaeger.	

XIV. Pterygium.

(Vide Plate 3. Fig's. 2 and 3. Mod. 5. Fig's. 2 and 3.)

Varieties.	{	1st. P. Tenue vel membranosa.
		2d. P. Crassum vel musculosum.
		3d. P. Pingue.

Cause.

Prognosis.

Treatment.	{	Palliative.
		Radical.

**XV. Diseases of the Cutaneous and Cellular
Tissues.****1st. Erysipelatous Inflamm'n. of Lids.**

(Plate 7. Fig. 3)

2d. Edema of the Lids.

(Plate 7. Fig. 2.)

3d. Ecchymosis Subcutaneous.

(Mod. 6. Fig. 1.)

4th. do. Subconjunctival.

(Plate 7. Fig. 1.)

5th. Serous Chemosis.

(Plate 7. Fig. 4.)

XVI. Ptosis.

Synonymes. Blepharoptosis—Blepharoplegia.

Imbecillitas—Palpebrarum.

Varieties. { 1st. Hypertrophy of the Lid.
2d. Paralysis, Idiopath'c. or Symptom'c.
3d. Traumatic.
4th. Conjenital.

Treatment. { 1st. Medical and Surgical.
2d. " "
3d. and 4th. Surgical.

XVII. Lagophthalmos.

Varieties. { 1st. Caused by Cicatrices.
2d. " " Paralisis Orbic. Palp.

Treatment. { 1st. Variety by Blepharoplastic operation.
2d. " " Medical or Palliative.

XVIII. Strabismus.

Causes.

Diagnosis—Distinction between it and Luscitas.

Varieties. { 1st. Convergens.
2d. Divergens.
3d. Sursumvergens.
4th. Deorsumvergens.
5th. Complicated.

Treatment—Surgical, different methods—steps of the operation, &c.

XIX. Diseases of Lach'l. Gland.

1st. Inflammation.

2d. Scirrhus.

3d. Hypertrophy.

4th. Functional Derang's. $\left\{ \begin{array}{l} \text{Lach'l. Xeroma.} \\ \text{Epiphora.} \end{array} \right.$

XX. Hypertrophy of Caruncula Lach's.

Causes.

Varieties. $\left\{ \begin{array}{l} \text{Innocent.} \\ \text{Malignant.} \end{array} \right.$

Treatment.

XXI. Inflam'n. of Lach'l. Sack and Duct.

Causes.

Varieties. $\left\{ \begin{array}{l} \text{Subacute.} \\ \text{Acute.} \end{array} \right.$

Symptoms.

Stages. $\left\{ \begin{array}{l} \text{First or Forming.} \\ \text{Second or Suppurative.} \end{array} \right.$

Prognosis.

Sequale. $\left\{ \begin{array}{l} \text{Stricture of nasal duct with Stillicidium Lach.} \\ \text{Fistula Lachrimalis.} \end{array} \right.$

Treatment—Medical, Mechanical, Surgical. Method of dilating the stricture, operation for Fistula.

XXII. Conjunctivitis.

(Vide Delrymple's Engravings, Plates. 7. 9. 10. & 13.)

1st Conjunc.	Simplex.	{ Subacute. Acute.
2d Conjunc.	Puro-Mucosa.	{ Catarrhal. Purulent. Neonatorum. Gonorrhœal.
3d Conjunc.	Exanthemita.	{ Pustular. Variolus. Morbillicious. Scarlatinous. Erysipalitous.
4th Conjunc.	Serofulosa.	{ Synonymes—Strumous, or Phlyctinular Ophthalmia.
5th Sequelæ of Puro-Mucosa.		{ Hypertrophy of Papillæ of the Superior Pal- pebral Conjunc'a. and Meibomial follicles.

Causes.

Symptoms.

Diagnosis.

Prognosis. and

Treatment of each variety.

SECOND DIVISION

OR

Diseases of the Eye Proper.

I. Corneitis.

Varieties. { 1. Subacute.
2. Acute.
3. Scrofulous.

Causes.

Symptoms.

Diagnosis.

Prognosis.

Treatment.

Sequelæ. { 1. Ulceration.
2. Nibula.
3. Albugo.
4. Lucoma.
5. Staphyloma, (partial or complete.)
6. Conical cornea.
7. Sloughing.
8. Prolapsus Iridis.
9. Synechia Anterior.
10. Ornix.
11. Hypopeon or Unguis.
12. Fistula.
13. Atrophy.

II. Sclerotitis.

Varieties. { Simple.
Rheumatic.

Causes.

Diagnosis.

Prognosis.

Treatment. { Local.
 { Constitutional.

III. Iritis.

Varieties. { Ideopathic.
 { Symptomatic.

(Mod. 3. Fig. 1.)

Causes. { Local.
 { Constitutional.

Stages. { Acute.
 { Subacute.

Symptoms—Modified according to the variety.

Diagnosis—Of momentous importance.

Prognosis. { Good or bad depending upon the variety,
 { constitution, and stage.

Sequelæ. { 1st. Effusion of Lymph.
 { 2d. Synechia Ant. or Post.
 { 3d. Occlusion.

Treatment. { 1st. To arrest inflam'n.
 { 2d. " promote absorption of Lymph.
 { 3d. " guard against contraction or closure
 { of pupil.
 { 4th. When closed to form an artificial pupil,
 { either by Incision, Excision, or Separation,
 { with the steps and relative merits
 { of each operation.

IV. Choroiditis.

Varieties. { Simple.
 { Complicated.

Causes.

Symptoms.

Diagnosis.

Prognosis.

Sequelæ—Staphyloma Sclerotacæ.

Treatment.

V. Haemophthalmus.

(Mod. 6. Fig. 1.)

Causes.
 Prognosis.
 Treatment.

VI. Inflam'n. of Serous Tunics.

Varieties. { 1 t. Aquo-capsulitis.
 { 2d. Chrystallino-capsulitis.
 { 3 . Hyalitis.

Causes.
 Symptoms.
 Diagnosis.
 Prognosis.
 Sequelæ. { Hydiops-oculi. Synechia, false cataract.
 {
 Treatment.

VII. Cataract.

Definition—Distinction between true and false cataract.

Causes. { Congenital.
 { Acquired.

Symptoms. { Objective—Radiated, Arborescent, and of
 { different colours.
 { Subjective—Growth, sight, effect of light, &c.

Diagnosis—May be mistaken for Amaurosis, Glaucoma, or deposition of Lymph.

Prognosis—Favorable, or not depending upon the complication, &c.

Division—Four species and several varieties.

Species.

Varieties.

1st. Lenticular. { Hard.
 { (Mod. 1. Fig. 1.)
 { Soft.
 { (Mod. 1. Fig. 3.)
 { Fluid.

2d. Capsular. { Anterior.
[Mod. 1. Fig. 4.]
Posterior.
[Mod. 1. Fig. 2.]

3d. Capsulo Lenticular.

4th. Morgagnian.

Treatment, Operative. { 1st. by Dislocation.
2d. " Division.
3d. " Extraction.

Preparatory Treatment—Comparative merits of each operation. Also the variety of cataract best suited to each mode of operation.

1st. Dislocation. { Depression.
[Mod. 9. Fig. 3.]
Reclination.

Steps of the operation. { 1st. Introduction of needle through
the cornea or sclerotic.
2d. Revolution of needle.
3d. Division of capsule.
4th. Displacement.
5th. Withdrawal.

2d. Division, or { Anterior operation or Keratonyxis.
Solution. [Mod. 9. Fig. 4.]
Posterior operation or Scleratomyxis.

3d. Extraction by section of the Cornea. { 1st. Superiorly.
[Mod. 9. Fig's. 1 and 2.] { 2d. Inferiorly.
3d. Obliquely.

Stages in the operation. { 1. Incision of the Cornea.
2. Laceration of the Capsule.
3. Removal of the Lens.

After treatment.

VIII. Hydrophthalmia.

Definition.

Varieties. { 1st. In the Anterior and Posterior Chambers.
2d. In the Cells of the hialoid membrane.
(Vide Mod. 7. Fig. 2)

Causes.

Symptoms—Objective and Subjective.

Diagnosis.

Prognosis.

Treatment.

IX. Glaucoma.

Definition.

Causes.

Symptoms—Objective and Subjective.

Diagnosis.

Prognosis.

Pathology.

Treatment.

X. Diseases of the Retina.

1ST RETINITIS.

Varieties. { Subacute.
Acute.

Causes.

Symptoms—Subjective.

Diagnosis.

Prognosis—Usually very unfavorable.

Treatment.

2D AMAUROSIS.

Definition.

Synonymes—Gutta Serena of the Arabians.

Varieties. { Functional.
Organic.

Causes. { 1st. Depending upon the nervous apparatus of
the Eye.
2d. Depending upon some other organ, as the
Stomach or Brain.

Symptoms—Duration, continued, or intermittent, stage of disease.

Diagnosis—How distinguished from Cataract and Glaucoma.

Prognosis—Favorable or not, depending upon the cause.

Treatment. { Constitutional.
 { Local.

Symptoms.

Diagnosis.

Prognosis.

Treatment.

XI. Abnormal Visual Sensations.

Dependant upon a disturbed state of the brain and nervous apparatus, or mal-conformation of the transparent media.

- Varieties. { 1st. Myosis.
 { 2d. Mydriasis.
 { 3d. Tremulous Iris.
 { 4th. Museæ Volitantes.
 { 5th. Hemeralopia.
 { 6th. Niotalopia.
 { 7th. Hemiopia.
 { 8th. Diplopia.
 { 9th. Photopsia.
 { 10th. Chromatopsy.
 { 11th. Myopia.
 { 12th. Presbyopia.

XII. Malignant Diseases of the Eye.

[Mod. 8. Fig's. 1, 2, 3, 4.]

- Varieties. { Fungous Hematodies Oculi.
 { Melanosis.
 { Carcinoma.

Causes.
Symptoms.
Diagnosis.
Prognosis.
Treatment.

XIII. Exterpation of the Eye.

Under what circumstances justifiable—Mode of performing the operation.

XIV. Artificial Eyes.

Rules to be observed in regard to their use—Mode of introducing, and the withdrawal of them.

THE NEW-YORK

OPHTHALMIC HOSPITAL,

No. 6 Stuyvesant-Street,

NEAR CORNER THIRD AVENUE AND NINTH STREET,

Is open every TUESDAY, THURSDAY and SATURDAY, from 12 to 2 o'clock,
P. M., for the Benefit of the Poor who are afflicted with

DISEASES OF THE EYE.



